

## Surveying and Mapping Technicians (17-3031)

**Occupation description:** Perform surveying and mapping duties, usually under the direction of an engineer, surveyor, cartographer, or photogrammetrist to obtain data used for construction, mapmaking, boundary location, mining, or other purposes. May calculate mapmaking information and create maps from source data, such as surveying notes, aerial photography, satellite data, or other maps to show topographical features, political boundaries, and other features. May verify accuracy and completeness of maps. Excludes "Surveyors" (17-1022), "Cartographers and Photogrammetrists" (17-1021), and "Geoscientists, Except Hydrologists and Geographers" (19-2042).

### Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	335	352	5.1	2	6	8
United States	56,900	66,000	15.8	910	1,090	2,000

#### Job outlook

**Alaska:** Alaska's employment growth is low with moderate employment opportunities. [Read more.](#)

### 2013 Wages

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	20.93	n/a	11.99	19.55	32.10
Alaska	25.34	27.09	28.84	18.25	27.80	35.58
Anchorage/Mat-Su Area (MSA)	24.03	25.85	27.67	14.69	26.96	34.39

### Labor Force Indicators

#### 2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
299	82	27.4	37.8	27.5

#### 2012 Potential Supply

Qualified but working in another occupation	55
Currently employed in a lower paid occupation	8
UI claimants previously working in occupation	34

#### 2012 ALEXsys Employment Data

Number of registrants	267
Number of job position postings	38
Ratio of registrants to job position postings	7.0

## Typical Entry-level Education, Experience, and/or On-the-job Training

**Education:** High school diploma or equivalent

**Work experience:** None

**On-the-job training:** Moderate-term on-the-job training

## Training Resources

### Degree

#### Alaska Teamster-Employer Service Training Trust

Surveyor Assistant, Instruments

### Degree

#### University of Alaska Anchorage

Geomatics

AAS

Geomatics

BS

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